



Deloitte Cyber & Technology News digest

Issue #6

Azerbaijan

A new algorithm for calculating the cyber security index of government agencies

A new algorithm for calculating the cyber security and incident response index of government agencies has been integrated into the Resource Management System, which was created for the operational management of information resources of government agencies, including information security incidents in Azerbaijan. This was reported by the Center for Combating Computer Incidents (CERT).

Source: cert.gov.az, September 2, 2020

A new financial platform for entrepreneurs established

The Bankoff financial platform for retail and SMEs has been launched in Azerbaijan. Botbox, the content management system of the Financial Market module, is the main part of the platform.

Botbox provides a solution to financial services companies and banks to conduct various banking and financial transactions via Telegram, WhatsApp and Facebook Messenger.

Source: xeberler.az, September 10, 2020

The Smart Student Card introduced at three more universities

Three more universities in Azerbaijan - the Academy of Public Administration under the President of the Republic of Azerbaijan, the Azerbaijan State Marine Academy and Branch of the Lomonosov Moscow State University in Baku - have joined the Smart Student Card project. The Smart Student Card is not only an identification document for students, but can also be used to make payments, including scholarships, and make any non-cash payments inside and outside the country.

Source: xeberler.az, September 10, 2020

An E-labor exchange platform to be created

The State Employment Agency under the Ministry of Labor and Social Protection of Population is creating an "Electronic Labor Exchange" platform. The platform, which will consist of a mobile application and a web-based portal, will interact with the Labor Relations and Employment subsystem, information systems of other government agencies and e-platforms dealing with employment mediation.

Source: xeberler.az, September 12, 2020

Young people support the application of artificial intelligence in Azerbaijan

The project "Collection of a database for speech recognition in the Azerbaijani language" continues within the "eSAS" Volunteer Program, in partnership with the Union of Volunteer Organizations of Azerbaijan. The main purpose of the project is to support the development of artificial intelligence for the recognition of speech in the Azerbaijani language, the development of various large databases.

Source: xeberler.az, September 23, 2020

Azerbaijani hackers attack about 90 Armenian websites

A number of Armenian websites have been broken down by Azerbaijani hackers and "Karabakh is Azerbaijan and an exclamation mark" voiced by President Ilham Aliyev in the international tribune, as well as "If an Armenian soldier does not want to die, let him leave the land of Azerbaijan" quote added. Photos of Azerbaijan's national hero Mubariz Ibrahimov have been posted on Armenian websites.

Source: xeberler.az, September 27, 2020

The main targets of the cyber attacks by Armenians against Azerbaijan identified

The Center for Combating Computer Incidents monitors and carefully analyzes cyber attacks against Azerbaijan on a 24/7 basis. According to the center, Armenian hackers carry out cyber attacks against

four main targets: the Internet information resources of government agencies, the banking sector, media sites and individual users (e-mail addresses, calls, etc.).

Source: xeberler.az, September 30, 2020

DDoS attacks on Azerbaijan's state information resources are prevented

In order to prevent DDoS (Distributed Denial of service) attacks on Azerbaijan's state information resources, including cyber-attack attempts, IP segments belonging to "zombie" computers that are members of the botnet, anonymous "proxy" and VPN access to state information systems are regularly blocked by the Center for Combating Computer Incidents.

Source: xeberler.az, September 30, 2020

CIS

Russia

Data centers to report to Roskomnadzor

Operators of Russian data centers may be forced to provide information on tariffs, capacity and load to the Roskomnadzor Monitoring Center, which is to be created as a part of the "sovereign Internet" law, Kommersant reports.

Source: securitylab.ru, September 1, 2020

The government asked to protect the data of buyers at international online stores

The Russian business union "Delovaya Rossiya" sent a letter to the government with a proposal to amend legislation to better protect the data of Russian online buyers from the risks of information leaks.

Source: securitylab.ru, September 1, 2020

Russian Embassy in Austria's email account hacked

According to Russian diplomats in Austria, there is reason to believe that unknown attackers hacked into their account, so users are asked not to open links and attachments sent from info.austria@mid.ru, the embassy's official email address.

Source: securitylab.ru, September 1, 2020

Payment data of Russians may be equated with personal data

Delovaya Rossiya business union proposed to equate the Russians' payment data with their personal data. In their opinion, this may guarantee better protection of citizens' accounts from various fraudsters.

Source: anti-malware.ru, September 1, 2020

Czech Republic suspects Russia of involvement in a cyber attack on a government body in 2019

Last year, one of the strategic state structures of the Czech Republic was subjected to hacker attacks for the purpose of cyber espionage, which were allegedly carried out from Russia. This was reported by the Czech telegraph agency ČTK with reference to the report of the National Directorate for Cyber and Information Security of the Czech Republic. According to the report, the attacks were carried out using targeted phishing emails, which, when opened, downloaded malware onto the victim's device. According to the report, the organizer of the attacks may be Sofacy hacker group (also known as Fancy Bear, APT28, Pawn storm, Sednit and Strontium), suspected of having links with the Russian Federation. The department did not indicate in the report which state structure was the target of the campaign.

Source: securitylab.ru, September 2, 2020

A face-scan biometric payment system to be introduced in the Moscow metro

On September 1, a video surveillance system was launched at all metro stations in Moscow. According to Moscow's Department of Transport statement posted on Telegram, metro passengers will be able to pay for travel via a face scan in the near future.

Source: securitylab.ru, September 3, 2020

Criminals attack 300,000 WordPress sites using a critical vulnerability

Cybercriminals are exploiting a critical vulnerability in a file manager plugin for WordPress sites, which allows them to load scripts and remotely execute code on web resources.

Source: anti-malware.ru, September 3, 2020

A group that stole money from bank cards arrested in St. Petersburg

The Main Directorate of Russian Ministry of Internal Affairs for the city of St. Petersburg and the Leningrad Region stopped the activities of fraudsters who specialized in stealing money from bank cards by impersonating bank security officers.

Source: securitylab.ru, September 3, 2020

Russian state-owned companies to be classified as elements of critical information infrastructure to move to domestic software

The Federation Council plans to toughen software requirements for state-owned companies. This is due to the fact that they is a proposal to classify them as elements of critical information infrastructure (CII), like banks and government agencies.

Source: anti-malware.ru, September 4, 2020

Only 13% of cybersecurity reports cover threats to citizens

Researchers believe that the vast majority of cybersecurity reports focus on government hackers, industrial espionage, and targeted attacks. Only a small share covers cyber threats to ordinary citizens.

Source: anti-malware.ru, September 7, 2020

Winnti targets Russian software developers for financial institutions

Cybercriminal group Winnti used new tools and infrastructure for the attacks, concentrating on software developers for financial organizations from Russia and Germany.

Source: anti-malware.ru, September 8, 2020

USA imposes sanctions against three Russians for cyberattacks

The update of the "black list" to which several Russians have been added is intended to protect the upcoming US presidential elections from foreign interference and "send a signal to Moscow" that such attempts will be prosecuted, the US Treasury said in a statement.

Source: securitylab.ru, September 11, 2020

Microsoft to end support for Windows 10 1903 on Dec. 8, 2020

Microsoft has warned users that it will end support for Windows 10 version 1903 (Windows 10 May 2019 Update) on December 8, 2020.

Source: anti-malware.ru, September 11, 2020

Microsoft accuses Russian hackers of attacks on 200 US organizations

Microsoft has detected attempts to interfere in the US elections from Russia, China and Iran. This was reported on September 10 in the company's blog.

Source: securitylab.ru, September 11, 2020

The number of DDoS attacks on Russia's educational sector increases by 350%

The first half of 2020 was marked by an increase in the number of DDoS attacks on Russian educational resources. This sharp jump was recorded by Kaspersky Lab specialists.

Source: anti-malware.ru, September 11, 2020

Russian central bank warns of scheme to obtain information about the balance on people's bank cards

The Central Bank warned banks about a scheme that allowed cybercriminals to obtain additional information about clients of one of the credit institutions and subsequently use it for fraud purposes using social engineering techniques

Source: securitylab.ru, September 12, 2020

Russian Central Election Commission complains about massive hacker attacks on election day

The deputy head of the Central Election Commission Nikolai Bulaev said that during the recent elections, round-the-clock hacker attacks were being carried out on the organization's website.

Source: securitylab.ru, September 14, 2020

Pentagon concerned by the possibility of Russia and China using artificial intelligence

The Pentagon is concerned by the possibility of Russia and China using artificial intelligence (AI) to control autonomous attack systems, according to National Interest magazine.

Source: securitylab.ru, September 14, 2020

Scammers send fake letters with bank logos to Russians

Fraudsters continue to improve their methods with new social engineering tools designed to further mislead gullible clients of Russian banks. Now social engineering aimed at extracting money from clients has been supplemented with a new element designed to further mislead victims.

Source: anti-malware.ru, September 14, 2020

Cybercriminal who stole 10.8 million rubles from Kovrov companies arrested

The Kovrov city court considered a 28-volume criminal case opened against a local resident accused of cybercrimes. According to investigators, the accused and his accomplices stole 10.8 million rubles from businessmen.

Source: anti-malware.ru, September 15, 2020

Russian hacker to show instructions for hacking online stores for \$5,000

Recently, thousands of online stores using the Magento platform fell victim to a cyberattack - cybercriminals injected malicious code that steals customer bank card details. The cybercriminals' operation became successful due to a 0-day exploit, which is being sold by a Russian-speaking hacker under the pseudonym "z3r0day". For just \$ 5,000, z3r0day will show how to exploit a vulnerability in web software and inject a skimming code into the files of an online store, while authentication can be bypassed.

Source: anti-malware.ru, September 16, 2020

Hackers to help create the Russia's digital code

Presidential Human Rights Council will involve domestic hackers to create a report to Russian President Vladimir Putin on the problems associated with computer technology, from harassing users on social networks to cyber espionage using CCTV cameras and bank data leaks. After the report, Council intends to start creating a "digital code" and initiate a bill designed to protect Russian users from harassment in social networks and surveillance.

Source: securitylab.ru, September 18, 2020

Russian hackers may be behind a fatal cyber attack

Law enforcement officials investigating a cyberattack on a German hospital that killed a patient believe that hackers from Russia may be behind the incident.

Source: securitylab.ru, September 23, 2020

Kazakhstan

Kazakhstanis will no longer need employment record books from 2021

Vice Minister of Labor and Social Protection of the Population Yerbol Ospanov told what an electronic labor contract was and why its introduction was necessary. According to him, the new format will help facilitate many labor relations processes.

Source: profit.kz, September 1, 2020

Personal data leak detected from Damumed system

Kazakhstanis complain about the leakage of personal data from the Damumed system - it turned out that third parties can not only obtain the users' health information, but also their contact details, TIN, employment details, as well as the amount of taxes paid.

Source: profit.kz, September 1, 2020

The President intends to attract 500 billion tenge to the IT sector

The President of the Republic of Kazakhstan Kassym-Zhomart Tokayev said in his national address that within five years it is necessary to bring the volume of investments in the IT sphere to 500 billion tenge.

Source: profit.kz, September 2, 2020

Passports and diplomas of Kazakhstanis to be digitized by the end of the year

A number of documents will be digitized by the end of the year in Kazakhstan, the Minister of Digital Development, Innovation and Aerospace Industry Bagdat Musin said during a government meeting. According to him, measures have now been developed that simplify the use of biometrics to receive public services.

Source: profit.kz, September 3, 2020

Kazakhstan to investigate personal data leaks

Kazakhstan's Ministry of Digital Development, Innovation and Aerospace Industry will conduct checks of personal data violations. If illegal collection or leakage of personal data are suspected, citizens can contact the ministry and request an investigation.

Source: profit.kz, September 7, 2020

Hackers target Kazakh distance learning platform

For several days in a row, Kazakhstan's distance learning platform OnlineMektep.org was subjected to a massive cyber attack from outside the country, according to the platform's developers. The attack was well-coordinated and aimed at undermining user confidence, they said.

Source: profit.kz, September 10, 2020

Cryptocurrency exchange to open in Kazakhstan

A cryptocurrency exchange based on Japanese technologies is to be launched in Kazakhstan. This became known during the meeting, which took place online at the Embassy of Kazakhstan in Japan. The exchange will operate on the platform of the Astana International Financial Center. The Ambassador of Kazakhstan in Japan Yerlan Baudarbek-Kozhatayev noted that despite the economic turbulence caused by the spread of the coronavirus, Japanese investors are expressing interest in the favorable investment conditions created in the country.

Source: profit.kz, September 18, 2020

A technology for automated recognition of Kazakh speech developed

The project on automated recognition of Kazakh speech is being launched by the Institute of Smart Systems and Artificial Intelligence at Nazarbayev University (ISSAI). It is meant to help introduce the Kazakh language to the global digital space.

Source: profit.kz, September 24, 2020

Kyrgyzstan

"SMART Salym" – to help make Kyrgyz taxation more transparent

The implementation of fiscalization projects for tax procedures in Kyrgyzstan will continue under the SMART Salym brand, the State Tax Service reported. The presentation of the unified concept of SMART Salym took place at the meeting of the Coordination Council on digitalization of tax and customs administration, which was chaired by Prime Minister Kubatbek Boronov.

Source: profit.kz, September 2, 2020

E-Commerce Park to be created in Kyrgyzstan

The global digital economy highlights such an important strategic direction as e-commerce, which requires technological, legislative and infrastructural preparation, Minister of Economy Sanzhar Mukanbetov said this during a meeting with President of the Association of Electronic Commerce in Kyrgyzstan Ayganysh Saparalieva. During the meeting, the legal framework for expanding e-commerce in the country was discussed, including taxation-related issues, and ways to create the most favorable conditions for entrepreneurs and investors in the sector.

Source: profit.kz, September 10, 2020

Uzbekistan

ID cards to replace passports in Uzbekistan

The President of Uzbekistan signed a decree on the introduction of a unified personal identification system in the country, which provides for the replacement of domestic biometric passports with ID cards with an electronic chip from January 1, 2021.

Source: profit.kz, September 24, 2020

Mongolia

Pandemic gives Mongolian government an edge in digital governance

Mongolia's e-government is a topic that is often overshadowed by the cyber activity of the country's large neighbors - Russia and China. However, the coronavirus pandemic has given the Mongolian government an edge in implementing long-overdue digital governance practices. The introduction of e-government services in Mongolia, known as E-Mongolia, will improve public services, maximize efficiency and, most importantly, reduce the deep-rooted bureaucracy and nepotism that have hampered public services for some time.

Source: profit.kz, September 23, 2020



**MAKING AN
IMPACT THAT
MATTERS**
since 1845

deloitte.az

Deloitte refers to one or more of Deloitte Touche Tohmatsu Limited ("DTTL"), its global network of member firms, and their related entities. DTTL (also referred to as "Deloitte Global") and each of its member firms are legally separate and independent entities. DTTL does not provide services to clients. Please see www.deloitte.com/about to learn more.

Deloitte is a leading global provider of audit and assurance, consulting, financial advisory, risk advisory, tax and related services. Our network of member firms in more than 150 countries and territories serves four out of five Fortune Global 500® companies. Learn how Deloitte's approximately 330,000 people make an impact that matters at www.deloitte.com.

This communication contains general information only, and none of Deloitte Touche Tohmatsu Limited, its member firms or their related entities (collectively, the "Deloitte network") is, by means of this communication, rendering professional advice or services. Before making any decision or taking any action that may affect your finances or your business, you should consult a qualified professional adviser. No entity in the Deloitte network shall be responsible for any loss whatsoever sustained by any person who relies on this communication.

25E Nobel Avenue,
Baku, AZ1025, Azerbaijan

© 2020 Deloitte & Touche LLAC. All rights reserved.

To no longer receive emails about this topic please send a return email to the sender with the word "Unsubscribe" in the subject line.